

n-Butane 58.12
n-Octane 114.23

Frame	Time	n-Butane		n-Octane		Alkane (ppb)	2-Sigma (ppb)	Mean Mol. Mass (g/mole)
		Concentration (ppb)	GOF (ppb)	Concentration (ppb)	GOF (ppb)			
1	11:08:23	N.D.	49.0	N.D.	27.0	N.D.	55.9	N.D.
2	11:09:40	N.D.	48.0	N.D.	27.0	N.D.	55.1	N.D.
3	11:10:55	N.D.	50.0	N.D.	27.0	N.D.	56.8	N.D.
4	11:12:12	N.D.	51.0	N.D.	28.0	N.D.	58.2	N.D.
5	11:13:28	N.D.	52.0	N.D.	28.0	N.D.	59.1	N.D.
6	11:14:45	N.D.	53.0	N.D.	29.0	N.D.	60.4	N.D.
7	11:16:00	N.D.	52.0	N.D.	29.0	N.D.	59.5	N.D.
8	11:17:16	N.D.	52.0	N.D.	29.0	N.D.	59.5	N.D.
9	11:18:33	N.D.	53.0	N.D.	29.0	N.D.	60.4	N.D.
10	11:19:49	N.D.	54.0	N.D.	30.0	N.D.	61.8	N.D.
11	11:21:04	N.D.	54.0	N.D.	30.0	N.D.	61.8	N.D.
12	11:22:21	N.D.	55.0	N.D.	30.0	N.D.	62.6	N.D.
13	11:23:37	N.D.	55.0	N.D.	30.0	N.D.	62.6	N.D.
14	11:24:54	N.D.	54.0	N.D.	30.0	N.D.	61.8	N.D.
15	11:26:10	N.D.	55.0	N.D.	30.0	N.D.	62.6	N.D.
16	11:27:25	N.D.	55.0	N.D.	30.0	N.D.	62.6	N.D.
17	11:28:42	N.D.	57.0	N.D.	32.0	N.D.	65.4	N.D.
18	11:29:57	N.D.	N.D.	N.D.		N.D.	0.0	N.D.
19	11:30:56	N.D.	56.0	N.D.	31.0	N.D.	64.0	N.D.
20	11:32:13	N.D.	56.0	N.D.	31.0	N.D.	64.0	N.D.
21	11:33:28	N.D.	56.0	N.D.	31.0	N.D.	64.0	N.D.
22	11:34:45	N.D.	56.0	N.D.	31.0	N.D.	64.0	N.D.
23	11:36:01	N.D.	56.0	N.D.	31.0	N.D.	64.0	N.D.
24	11:37:16	N.D.	56.0	N.D.	31.0	N.D.	64.0	N.D.
25	11:38:33	N.D.	56.0	N.D.	31.0	N.D.	64.0	N.D.
26	11:39:49	N.D.	63.0	N.D.	35.0	N.D.	72.1	N.D.
27	11:41:05	N.D.	60.0	N.D.	33.0	N.D.	68.5	N.D.
28	11:42:22	N.D.	49.0	N.D.	27.0	N.D.	55.9	N.D.
29	11:43:38	N.D.	55.0	N.D.	31.0	N.D.	63.1	N.D.
30	11:44:54	N.D.	56.0	N.D.	31.0	N.D.	64.0	N.D.
31	11:46:11	N.D.	56.0	N.D.	31.0	N.D.	64.0	N.D.
32	11:47:26	N.D.	56.0	N.D.	31.0	N.D.	64.0	N.D.
33	11:48:43	N.D.	56.0	N.D.	31.0	N.D.	64.0	N.D.
34	11:49:59	N.D.	56.0	N.D.	31.0	N.D.	64.0	N.D.
35	11:51:16	N.D.	57.0	N.D.	31.0	N.D.	64.9	N.D.
36	11:52:32	N.D.	57.0	N.D.	32.0	N.D.	65.4	N.D.
37	11:53:47	N.D.	57.0	N.D.	32.0	N.D.	65.4	N.D.
38	11:55:04	N.D.	57.0	N.D.	31.0	N.D.	64.9	N.D.
39	11:56:19	N.D.	57.0	N.D.	32.0	N.D.	65.4	N.D.
40	11:57:36	N.D.	58.0	N.D.	32.0	N.D.	66.2	N.D.
41	11:58:53	N.D.	58.0	N.D.	32.0	N.D.	66.2	N.D.
42	12:00:09	N.D.	58.0	N.D.	32.0	N.D.	66.2	N.D.
43	12:01:26	N.D.	58.0	N.D.	32.0	N.D.	66.2	N.D.
1	14:19:15	N.D.	55.0	N.D.	30.0	N.D.	62.6	N.D.
2	14:20:35	N.D.	56.0	N.D.	31.0	N.D.	64.0	N.D.
3	14:21:54	N.D.	56.0	N.D.	31.0	N.D.	64.0	N.D.
4	14:23:12	N.D.	54.0	N.D.	29.0	N.D.	61.3	N.D.
5	14:24:30	N.D.	52.0	N.D.	28.0	N.D.	59.1	N.D.

Frame	Time	n-Butane		n-Octane		Alkane (ppb)	2-Sigma (ppb)	Mean
		Concentration (ppb)	GOF (ppb)	Concentration (ppb)	GOF (ppb)			Mol. Mass (g/mole)
6	14:25:49	N.D.	48.0	N.D.	27.0	N.D.	55.1	N.D.
7	14:27:08	N.D.	45.0	N.D.	25.0	N.D.	51.5	N.D.
8	14:28:28	N.D.	42.0	N.D.	23.0	N.D.	47.9	N.D.
9	14:29:46	N.D.	39.0	N.D.	21.0	N.D.	44.3	N.D.
10	14:31:04	N.D.	36.0	N.D.	20.0	N.D.	41.2	N.D.
11	14:32:23	N.D.	32.0	N.D.	18.0	N.D.	36.7	N.D.
12	14:33:43	N.D.	30.0	N.D.	16.0	N.D.	34.0	N.D.
13	14:35:00	N.D.	27.0	N.D.	15.0	N.D.	30.9	N.D.
14	14:36:19	N.D.	24.0	N.D.	13.0	N.D.	27.3	N.D.
15	14:37:39	N.D.	23.0	N.D.	13.0	N.D.	26.4	N.D.
16	14:38:55	N.D.	21.0	N.D.	12.0	N.D.	24.2	N.D.
17	14:40:15	N.D.	19.0	N.D.	10.0	N.D.	21.5	N.D.
18	14:41:35	N.D.	17.0	N.D.	9.6	N.D.	19.5	N.D.
19	14:42:54	N.D.	15.0	N.D.	8.4	N.D.	17.2	N.D.
20	14:44:13	N.D.	14.0	N.D.	7.9	N.D.	16.1	N.D.
21	14:45:31	N.D.	13.0	N.D.	7.0	N.D.	14.8	N.D.
22	14:46:50	N.D.	12.0	N.D.	6.4	N.D.	13.6	N.D.
23	14:48:08	N.D.	7.4	N.D.	4.1	N.D.	8.5	N.D.
24	14:49:26	N.D.	9.8	N.D.	5.4	N.D.	11.2	N.D.
25	14:50:46	N.D.	8.7	N.D.	4.8	N.D.	9.9	N.D.
26	14:52:06	N.D.	8.3	N.D.	4.6	N.D.	9.5	N.D.
27	14:53:25	N.D.	7.8	N.D.	4.3	N.D.	8.9	N.D.
28	14:54:44	N.D.	6.9	N.D.	3.8	N.D.	7.9	N.D.
29	14:56:04	N.D.	6.3	N.D.	3.5	N.D.	7.2	N.D.
30	14:57:23	N.D.	5.6	N.D.	3.1	N.D.	6.4	N.D.
31	14:58:43	N.D.	4.7	N.D.	2.6	N.D.	5.4	N.D.
32	15:00:01	N.D.	5.5	N.D.	3.0	N.D.	6.3	N.D.
33	15:01:19	N.D.	4.6	N.D.	2.5	N.D.	5.2	N.D.
34	15:02:38	N.D.	4.1	N.D.	2.3	N.D.	4.7	N.D.
35	15:03:57	N.D.	4.0	N.D.	2.2	N.D.	4.6	N.D.
36	15:05:15	N.D.	3.6	N.D.	2.0	N.D.	4.1	N.D.
37	15:06:33	14.8	5.2	N.D.	2.8	14.8	5.2	58.1
38	15:07:53	N.D.	3.1	N.D.	1.7	N.D.	3.5	N.D.
39	15:09:13	N.D.	3.5	N.D.	1.9	N.D.	4.0	N.D.
40	15:10:32	N.D.	3.4	N.D.	1.9	N.D.	3.9	N.D.
41	15:11:52	N.D.	3.8	N.D.	2.1	N.D.	4.3	N.D.
42	15:13:10	N.D.	2.5	N.D.	1.4	N.D.	2.9	N.D.
43	15:14:30	15.1	4.3	N.D.	2.3	15.1	4.3	58.1
44	15:15:49	10.8	3.9	N.D.	2.1	10.8	3.9	58.1
45	15:17:08	8.3	3.5	N.D.	1.9	8.3	3.5	58.1
46	15:18:28	N.D.	5.2	N.D.	2.9	N.D.	6.0	N.D.
47	15:19:47	N.D.	5.5	N.D.	3.0	N.D.	6.3	N.D.
48	15:21:07	15.0	4.0	N.D.	2.2	15.0	4.0	58.1
49	15:22:25	26.8	4.0	N.D.	2.2	26.8	4.0	58.1
50	15:23:45	8.6	3.9	N.D.	2.2	8.6	3.9	58.1
51	15:25:05	N.D.	4.8	N.D.	2.7	N.D.	5.5	N.D.
52	15:26:23	N.D.	5.2	N.D.	2.9	N.D.	6.0	N.D.
53	15:27:42	N.D.	6.2	N.D.	3.4	N.D.	7.1	N.D.
54	15:29:01	N.D.	4.5	N.D.	2.5	N.D.	5.1	N.D.
55	15:30:20	N.D.	4.6	N.D.	2.5	N.D.	5.2	N.D.
56	15:31:39	16.7	4.7	N.D.	2.6	16.7	4.7	58.1
57	15:32:59	18.2	5.2	N.D.	2.8	18.2	5.2	58.1

Frame	Time	n-Butane		n-Octane		Alkane (ppb)	2-Sigma (ppb)	Mean
		Concentration (ppb)	GOF (ppb)	Concentration (ppb)	GOF (ppb)			Mol. Mass (g/mole)
58	15:34:18	N.D.	5.5	N.D.	3.0	N.D.	6.3	N.D.
59	15:35:36	N.D.	4.2	N.D.	2.3	N.D.	4.8	N.D.
60	15:36:56	N.D.	5.2	N.D.	2.8	N.D.	5.9	N.D.
61	15:38:15	N.D.	4.5	N.D.	2.5	N.D.	5.1	N.D.
62	15:39:34	13.8	4.7	N.D.	2.6	13.8	4.7	58.1
63	15:40:54	N.D.	4.2	N.D.	2.3	N.D.	4.8	N.D.
64	15:42:14	N.D.	5.4	N.D.	3.0	N.D.	6.2	N.D.
65	15:43:33	10.1	4.2	N.D.	2.3	10.1	4.2	58.1
66	15:44:53	N.D.	4.4	N.D.	2.4	N.D.	5.0	N.D.
67	15:46:12	18.6	5.3	N.D.	2.9	18.6	5.3	58.1
68	15:47:31	N.D.	7.7	N.D.	4.2	N.D.	8.8	N.D.
69	15:48:50	12.2	4.4	N.D.	2.4	12.2	4.4	58.1
70	15:50:08	N.D.	5.6	N.D.	3.1	N.D.	6.4	N.D.
71	15:51:29	17.3	5.3	N.D.	2.9	17.3	5.3	58.1
72	15:52:48	34.5	4.6	N.D.	2.5	34.5	4.6	58.1
73	15:54:07	N.D.	4.4	N.D.	2.4	N.D.	5.0	N.D.
74	15:55:26	N.D.	4.5	N.D.	2.5	N.D.	5.1	N.D.
75	15:56:45	25.9	4.4	N.D.	2.4	25.9	4.4	58.1
76	15:58:05	42.2	4.9	N.D.	2.7	42.2	4.9	58.1
77	15:59:23	23.2	7.1	N.D.	3.9	23.2	7.1	58.1
78	16:00:42	N.D.	7.4	N.D.	4.1	N.D.	8.5	N.D.
79	16:02:02	N.D.	5.5	N.D.	3.0	N.D.	6.3	N.D.
80	16:03:22	23.2	5.6	N.D.	3.1	23.2	5.6	58.1
81	16:04:42	19.5	5.6	N.D.	3.1	19.5	5.6	58.1
82	16:06:00	26.5	12.0	N.D.	6.5	26.5	12.0	58.1
83	16:07:21	N.D.	23.0	N.D.	13.0	N.D.	26.4	N.D.
84	16:08:41	33.5	8.1	N.D.	4.4	33.5	8.1	58.1
85	16:10:01	13.4	6.1	N.D.	3.4	13.4	6.1	58.1
86	16:11:20	N.D.	6.8	N.D.	3.7	N.D.	7.7	N.D.
87	16:12:38	15.0	6.6	N.D.	3.7	15.0	6.6	58.1
88	16:13:58	28.9	5.4	N.D.	3.0	28.9	5.4	58.1
89	16:15:18	15.5	5.9	N.D.	3.2	15.5	5.9	58.1
90	16:16:38	35.4	6.8	N.D.	3.8	35.4	6.8	58.1
91	16:17:57	18.1	5.2	N.D.	2.9	18.1	5.2	58.1
92	16:19:17	27.6	5.0	N.D.	2.8	27.6	5.0	58.1
93	16:20:37	26.8	5.1	N.D.	2.8	26.8	5.1	58.1
94	16:21:57	N.D.	5.3	N.D.	2.9	N.D.	6.0	N.D.
95	16:23:17	N.D.	5.2	N.D.	2.9	N.D.	6.0	N.D.
96	16:24:37	37.8	5.6	N.D.	3.1	37.8	5.6	58.1
97	16:25:55	22.6	5.7	N.D.	3.2	22.6	5.7	58.1
98	16:27:16	33.3	5.3	N.D.	2.9	33.3	5.3	58.1
99	16:28:36	N.D.	5.7	N.D.	3.1	N.D.	6.5	N.D.
100	16:29:56	N.D.	6.3	N.D.	3.5	N.D.	7.2	N.D.
101	16:31:15	29.6	6.5	N.D.	3.5	29.6	6.5	58.1
102	16:32:35	25.3	5.6	N.D.	3.1	25.3	5.6	58.1
103	16:33:55	40.7	6.0	N.D.	3.3	40.7	6.0	58.1
104	16:35:15	36.4	5.5	N.D.	3.0	36.4	5.5	58.1
105	16:36:35	N.D.	5.7	N.D.	3.1	N.D.	6.5	N.D.
106	16:37:57	N.D.	7.5	N.D.	4.1	N.D.	8.5	N.D.
107	16:39:17	N.D.	5.9	N.D.	3.2	N.D.	6.7	N.D.
108	16:40:39	28.3	6.5	N.D.	3.6	28.3	6.5	58.1
109	16:41:59	N.D.	6.4	N.D.	3.5	N.D.	7.3	N.D.

Frame	Time	n-Butane		n-Octane		Alkane (ppb)	2-Sigma (ppb)	Mean
		Concentration (ppb)	GOF (ppb)	Concentration (ppb)	GOF (ppb)			Mol. Mass (g/mole)
110	16:43:19	N.D.	5.9	N.D.	3.3	N.D.	6.8	N.D.
111	16:44:39	N.D.	6.5	N.D.	3.6	N.D.	7.4	N.D.
112	16:45:59	N.D.	7.6	N.D.	4.2	N.D.	8.7	N.D.
113	16:47:19	22.9	6.5	N.D.	3.6	22.9	6.5	58.1
114	16:48:39	N.D.	6.3	N.D.	3.5	N.D.	7.2	N.D.